

Supplementary material Table S1: Generalized estimating equations (GEE) estimates ( $\beta \pm \text{SE}$ ), and relative p-value for the comparison between times of the study (where follow-up is the reference time) for the items of the SF-36, all the models were adjusted for Calprotectin level.

|                           | $\beta \pm \text{SE}$ | p-value |
|---------------------------|-----------------------|---------|
| Physical functioning      |                       |         |
| Intercept                 | -0.35±0.07            | <0.001  |
| Time                      |                       |         |
| Baseline                  | -0.29±0.08            | <0.001  |
| Follow-up                 | reference             |         |
| Calprotectin              | 0.01±0.01             | 0.86    |
| Physical role limitation  |                       |         |
| Intercept                 | -0.52±0.14            | <0.001  |
| Time                      |                       |         |
| Baseline                  | -0.65±0.22            | 0.004   |
| Follow-up                 | reference             |         |
| Calprotectin              | 0.01±0.01             | 0.52    |
| Emotional role limitation |                       |         |
| Intercept                 | -0.16±0.14            | 0.28    |
| Time                      |                       |         |
| Baseline                  | -0.68±0.24            | 0.006   |
| Follow-up                 | reference             |         |
| Calprotectin              | -0.01±0.01            | 0.24    |
| Vitality                  |                       |         |
| Intercept                 | -0.65±0.08            | <0.001  |
| Time                      |                       |         |
| Baseline                  | -0.51±0.11            | <0.001  |
| Follow-up                 | reference             |         |
| Calprotectin              | 0.002±0.0001          | 0.01    |
| Emotional wellness        |                       |         |
| Intercept                 | -0.50±0.07            | <0.001  |
| Time                      |                       |         |
| Baseline                  | -0.37±0.10            | <0.001  |
| Follow-up                 | reference             |         |
| Calprotectin              | 0.01±0.01             | 0.69    |
| Social functioning        |                       |         |
| Intercept                 | -0.42±0.10            | <0.001  |
| Time                      |                       |         |
| Baseline                  | -0.30±0.12            | 0.01    |
| Follow-up                 | reference             |         |
| Calprotectin              | -0.01±0.01            | 0.64    |
| Physical pain             |                       |         |
| Intercept                 | -0.64±0.11            | <0.001  |
| Time                      |                       |         |
| Baseline                  | -0.64±0.13            | <0.001  |

|              |             |        |
|--------------|-------------|--------|
| Follow-up    | reference   |        |
| Calprotectin | 0.003±0.001 | 0.03   |
| Health       |             |        |
| Intercept    | -0.74±0.09  | <0.001 |
| Time         |             |        |
| Baseline     | -0.39±0.12  | 0.001  |
| Follow-up    | reference   |        |
| Calprotectin | 0.002±0.001 | 0.10   |
|              |             |        |